

Southern California Edison Transmission Corridor Planning

2005 Energy Report Committee Workshop

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TRANSMISSION & INTERCONNECTION PLANNING
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Presentation Overview

- Principles for a Transmission Corridor Planning Process
- Land Use Implications Related to Electric Facilities Planning
- Potential Drivers for Additional Transmission Corridors
- Potential Benefits from Corridor Planning

Principle for a Transmission Corridor Planning Process

- Corridor designations should be based on a long-term planning horizon (10-20 years)
- Corridor designation process should include broad participation, including local governments
- State designated corridors should be compatible with Federal designated corridors
- Cost recovery for land acquisition in designated corridors should be provided
- Use of designated corridors should allow expedited permitting for specific project infrastructure siting
- Preserve corridor access where there are limited Geographical Options

Land Use Implications Related to Electric Facilities Planning

- Land requirements for new facilities
 - Substations, rights-of-way, pole and tower designs
- Land ownership issues
 - Fee simple, easement, franchise
 - Compensation and development restrictions
- Electrical system repair and maintenance
- Construction and placement of new facilities
- Land use classifications adjacent to electric facilities

Potential Drivers for Additional Transmission Corridors

- Load Growth
- New Renewable Resources
- New Generation Development
- Increased Power Imports

Potential Benefits from Corridor Planning

- Establish formal communication channels regarding the role of future infrastructure needs in community development
 - Identify the proper placement of infrastructure
 - Establish the context for future facility planning
 - Establish the context for future public involvement
 - Minimize future siting conflicts
 - Identify and preserve limited infrastructure access
 - Orderly consolidation of infrastructure needs

Potential Benefits from Corridor Planning (Cont.)

- Proactive General Planning and Environmental Review Process
 - Effective utility participation in the local planning process
 - Improvement to utility “review and comment” procedures on third-party EIRs, community General Plan Updates, and regional master plans
 - Familiarization of local planners with utility transmission and distribution plans
 - Encourage inclusion of utility transmission and distribution plans into local land use plans